1   9   313/\$ and (halogen adj gas) with (bromide lodide)   35 ("ThO.sub.2" "Nio" "Ceo.sub.2" "2.sub.r O.sub.2" "Y.sub.2 O.sub.3" (thenium niobium tantalum zirconium) near3 carbide   Thom of the property	L Number	Hits	Search Text	DB	Time stamp
100ides   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100					
2   35 ("Tho.sub.2" "NiO" "Ceo.sub.2" ".sub.r o.sub.2" ".sub.2" (rhenium nichium tantalum zirconium) near3 carbide   FRO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; JP	-			JULAI	
O.sub.2" "Y.sub.2 O.sub.3" (thenium nicobium tantalum zirconium) near3 carbide   IBM_TDB	2	35	· - ·	USPAT:	2003/07/08 11:33
niobium tantalum zirconium) near3 carbide   TRM_TDB					
"Tac"   and tungsten with filament and (bromide bromine iodine inho.sub.2" "Nio" "Ceo.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) hear3 carbide "Tac "Tho.sub.2" "Mio" "Ceo.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) hear3 carbide "Tac "Tho.sub.2" "Mio" "Ceo.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) hear3 carbide "Tac "Tho.sub.2" "Sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac "Tho.sub.2" "Nio" "Ceo.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac "D.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac "D.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac "D.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac "D.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac "D.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac "D.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac "D.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac "D.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac "D.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac "D.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac "D.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac "D.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac "D.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac "D.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac "D.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac "D.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide	1				
bromine iodine iodide)   1 ("Tho. sub.2" "X. sub.r O. sub.2" "Y. sub.2 O. sub.3" (rhenium nicobium tantalum zirconium) near3 carbide "Tac"   2003/07/08 10:41			"TaC"	_	
1					
O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   Same (radiat\$5) and tungsten with filament and (bromide bromine iodine iodide)   ("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.3" (rhenium conium) near3 carbide "TaC"   Same (radiat\$5) and tungsten with filament and (bromide bromine iodine iodide) "TaC"   Same (radiat\$5) and tungsten with filament and (bromide bromine iodine iodide) with gas   Same (radiat\$5) and tungsten with filament and (bromide bromine iodine iodide) with gas   Same (radiat\$5) and tungsten with filament and (bromide bromine iodine iodide)   USPAT; EPG, JPO; IBM TDB   USPAT; EPG	<u> </u>	ı			
niobium tantalum zirconium) near3 carbide   TEM_TDB	7	1	("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r		2003/07/08 10:41
"TaC"   ) same (radiat\$5) and tungsten with filament and (bromide bromine iodine iodide)   0 ("ThO.sub.2" "NiO" "GeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium riconium) near3 carbide "TaC"   ) same (radiat\$5) and tungsten with filament and (bromide bromine iodine iodide) with gas	ļ				
				TRW_LDB	
filament and (bromide bromine iodine iodide)	1	·	1		
12   0					
12   0 ("Tho.sub.2" "Nio" "Ceo.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (remium niobium tantalum zirconium) near3 carbide "Tac"   1 same (radiat\$5) and tungsten with filament and (bromide bromine iodide) with gas   1 s493167.pn. and filament   1 septor prop.   1 septor prop.   1 septor prop.   1 septor prop.   2003/07/08 11:25   1 septor prop.   2 septor prop.   1 septor prop.   1 septor prop.   2 septor prop.   1 septor pr					
O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac"   Same (radiat\$\$) and tungsten with filament and (bromide bromine iodine iodide) with gas   S493167.pn. and filament   USPAT; EPO; JPO; IBM TDB USPAT; EPO; JPO;	<sub>12</sub>	0		USPAT:	2003/07/08 11:12
niobium tantalum zirconium) near3 carbide   IBM_TDB     "TaC"   ) same (radiat\$5) and tungsten with filament and (bromide brownine iodine iodide) with gas   5493167.pn. and filament   USPAT; EPG; JPG; IBM_TDB     17			O.sub.2" "Y.sub.2 O.sub.3" (rhenium		
"TaC"   same (radiat\$5) and tungsten with filament and (bromide bromine iodine iodide) with gas   USPAT; EPO; JPO; JEM TDB USPAT; EPO; JPO; JEM					
filament and (bromide bromine iodine iodide) with gas   1					
filament and (bromide bromine iodine iodide) with gas   1					
1 5493167.pn. and filament  2			filament and (bromide bromine iodine		
22	17				0000/5=/
1	1/	1	549316/.pn. and filament		2003/07/08 11:25
1   6018216.pn. and (bulb envelope)	Į.				
27	1 22	1	6018216 nn and (hulb envelope)		2003/07/09 12:14
1		<u> </u>	octobio. and (buth envelope)		2003/01/08 12:14
1   4196368.pn. and (gas)   USPAT;   2003/07/08 11:32   EPO; JPO; IBM_TDB   USPAT;   2003/07/08 11:33   EPO; JPO; IBM_TDB   USPAT;   2003/07/08 11:34   EPO; JPO; IBM_TDB   USPAT; EPO; JP		Ì		1 '	
32   97 ("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   3 and tungsten and filament and (bromide bromine iodine iodide) ("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium riobium tantalum zirconium) near3 carbide "TaC"   3 and tungsten and filament and (bromide bromine iodine iodide) with gas ("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   3 ("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   3 ("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   3 ("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   3 ("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   5 (ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   5 (ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   5 (ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   5 (ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.7" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   5 (ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.7" "	27	1	4196368.pn. and (gas)		2003/07/08 11:32
32   97   ("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide   TEM_TDB USPAT; EPO; JPO; IBM_TDB   Dromation in the promine iodide   TEM_TDB   Dromation iodium tantalum zirconium   Dromation i	1	-		1	12.02
32   97	1			IBM_TDB	
O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide   IBM_TDB	32	97		USPAT;	2003/07/08 11:33
"TaC"   and tungsten and filament and (bromide bromine iodine iodide)   ("ThO.sub.2" "Nio" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   and tungsten and filament and (bromide bromine iodine iodide) with gas ("ThO.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   with (coat\$4 shield layer\$3) and tungsten and filament and (bromine iodine iodide) with gas ("ThO.sub.2" "Nio" "CeO.sub.2" "Z.sub.r O.sub.2" "Sub.r O.sub.2" "Sub.r O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with gas ("ThO.sub.2" "Nio" "CeO.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with (gas gaseous)   USPAT; EPO; JPO; IBM_TDB   USPAT; EPO; JPO;	1			EPO; JPO;	
3 and tungsten and filament and (bromide bromine iodine iodide)   1	1			IBM_TDB	
bromine iodide iodide   ("Tho.sub.2" "NiO" "CeO.sub.2" "Z.sub.r   O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide   TaC"   ) and tungsten and filament and (bromide bromine iodine iodide) with gas   ("Tho.sub.2" "NiO" "CeO.sub.2" "Z.sub.r   O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide   TaC"   ) with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with gas   ("Tho.sub.2" "NiO" "CeO.sub.2" "Z.sub.r   O.sub.2" "Y.sub.2 O.sub.3" (rhenium iodine iodide) with gas   ("Tho.sub.2" "NiO" "CeO.sub.2" "Z.sub.r   O.sub.2" "Y.sub.2 O.sub.3" (rhenium iodine iodide) with gas   ("Tho.sub.2" "Nio" "CeO.sub.2" "Z.sub.r   ("Tho.sub.2" "Nio" "CeO.sub.3" (rhenium iodine iodide) with (gas gaseous)   USPAT;   EPO; JPO; IBM_TDB   ("Tho.sub.2" "Nio" "CeO.sub.3" (rhenium iodine iodide) with (gas gaseous)   USPAT;   EPO; JPO; IBM_TDB   ("Tho.sub.2" "Nio" "CeO.sub.2" "Z.sub.r   ("Tho.sub.2" "Z.sub.r   ("Tho.sub.2" "Nio" "CeO.sub.2" "Z.sub.r   ("Tho.sub.2" "Nio" "CeO.sub.2" "Z.sub.r   ("Tho.sub.2" "Z.sub.r   ("Tho.sub.2" "Nio" "CeO.sub.2" "Z.sub.r   ("Tho.sub.2"	1				
21 ("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide bromine iodine iodide) with gas   USPAT; EPO; JPO; IBM_TDB     3 ("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with gas ("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with (gas gaseous)   USPAT; EPO; JPO; IBM_TDB     47	'				
O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide   TaC"   and tungsten and filament and (bromide bromine iodine iodide) with gas   USPAT;   EPO; JPO; TBM_TDB   EPO; JPO; TBM_TDB     Consub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide   TaC"   with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with gas   USPAT;   EPO; JPO; TBM_TDB     Consub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide   TaC"   with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with (gas gaseous)   USPAT;   EPO; JPO; TBM_TDB   Consub.2" TaC"   with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with (gas gaseous)   USPAT;   EPO; JPO; TBM_TDB   USPAT;	37	21		IIGDAM -	2003/07/00 11 01
niobium tantalum zirconium) near3 carbide	, , ,	21	O. sub. 2" "Y. sub. 2 O. sub. 3" /rhonium		2003/07/08 11:34
### TaC"    and tungsten and filament and (bromide bromine iodine iodide) with gas   ("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with gas   ("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"   with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with (gas gaseous)   4176293.pn.	1		niobium tantalum zirconium) near3 carbido		
3 and tungsten and filament and (bromide bromine iodine iodide) with gas   USPAT;   2003/07/08 11:36   USPAT;   2003/07/08 12:15   EPO; JPO; IBM_TDB   USPAT;	1 ]				
bromine iodine iodide) with gas ("ThO.sub.2" "Nio" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC" ) with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with gas ("ThO.sub.2" "Nio" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC" ) with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with (gas gaseous)  47 USPAT; EPO; JPO; IBM_TDB  57 1 6018216.pn. and (series)  58 1 6268685.pn. and series  59 2 0 6268685.pn. and series  50 3 1 6268685.pn.  50 6268685.pn.  51 6268685.pn.  52 3 1 6268685.pn.  53 3 2003/07/08 12:15 EPO; JPO; IBM_TDB USPAT; EPO; JPO;	•				
3			bromine iodine iodide) with gas		
O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"	42	3	("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r	1	2003/07/08 11:36
"TaC" ) with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with gas  ("Th0.sub.2" "Ni0" "Ce0.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "Tac" ) with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with (gas gaseous)  1 4176293.pn.  USPAT; EPO; JPO; IBM_TDB USPAT; EPO; JPO;				1	
with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with gas ("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"				IBM_TDB	
tungsten and filament and (bromide bromine iodine iodide) with gas  ("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC" ) with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with (gas gaseous)  1 4176293.pn.  52	'				
1   iodine iodide) with gas ("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC"			y with (coats4 shield layer\$3) and		
3			iodine iodide) with ass		
O.sub.2" "Y.sub.2 O.sub.3" (rhenium niobium tantalum zirconium) near3 carbide "TaC" ) with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with (gas gaseous)  1 4176293.pn.  52	47	٦		[]SPAT.	2003/07/00 12-15
niobium tantalum zirconium) near3 carbide "TaC"   with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with (gas gaseous)   USPAT;   2003/07/08 12:01   EPO; JPO; IBM TDB   USPAT;	•	٦	0.sub.2" "Y.sub.2 0.sub.3" (rhenium		2000/01/00 12:15
"TaC" ) with (coat\$4 shield layer\$3) and tungsten and filament and (bromide bromine iodine iodide) with (gas gaseous) 4176293.pn.  1 6018216.pn. and (series)  2003/07/08 12:01 EPO; JPO; IBM TDB USPAT; EPO; JPO; IBM TDB					
tungsten and filament and (bromide bromine iodine iodide) with (gas gaseous)  1 4176293.pn.  USPAT; 2003/07/08 12:01 EPO; JPO; IBM TDB USPAT; EPO; JPO; IBM_TDB USPAT; EPO; JPO;					
tungsten and filament and (bromide bromine iodine iodide) with (gas gaseous)  1 4176293.pn.  USPAT; 2003/07/08 12:01 EPO; JPO; IBM TDB USPAT; EPO; JPO; IBM_TDB USPAT; EPO; JPO;	1				
iodine iodide) with (gas gaseous) 4176293.pn.  USPAT; EPO; JPO; IBM_TDB USPAT; EPO; JPO;			tungsten and filament and (bromide bromine		
57 1 6018216.pn. and (series)	F.0.		iodine iodide) with (gas gaseous)		
57 1 6018216.pn. and (series)  1 6018216.pn. and (series)  1 6018216.pn. and series  1 6018216.pn. and series  2003/07/08 12:15 EPO; JPO; IBM_TDB USPAT; EPO; JPO; IBM_TDB USPAT; EPO; JPO; IBM_TDB USPAT; EPO; JPO; EPO; JPO;	52	1	41/6293.pn.		2003/07/08 12:01
57 1 6018216.pn. and (series) USPAT; EPO; JPO; IBM_TDB USPAT; EPO; JPO; EPO; JPO;					
62 0 6268685.pn. and series USPAT; 2003/07/08 12:15 EPO; JPO; IBM_TDB USPAT; 2003/07/08 12:15 EPO; JPO; IBM_TDB USPAT; 2003/07/08 12:15 EPO; JPO; IBM_TDB USPAT; 2003/07/08 12:15 EPO; JPO;	57	,	6018216 pp. and (acrica)		2002/07/22 15
62 0 6268685.pn. and series USPAT; 2003/07/08 12:15 EPO; JPO; IBM_TDB USPAT; 2003/07/08 12:15 EPO; JPO; EPO; JPO; EPO; JPO; EPO; JPO;	· .	1	outofforbur and (series)		2003/07/08 12:15
62 0 6268685.pn. and series USPAT; 2003/07/08 12:15 EPO; JPO; IBM_TDB USPAT; EPO; JPO; EPO; JPO; EPO; JPO; EPO; JPO;	İ				
67 1 6268685.pn. EPO; JPO; IBM_TDB USPAT; EPO; JPO; EPO; JPO;	62	0	6268685.pn. and series	· —	2003/07/09 12:15
67 1 6268685.pn.   IBM_TDB USPAT; 2003/07/08 12:15 EPO; JPO;		·			2000/07/00 12:13
67 1 6268685.pn. USPAT; 2003/07/08 12:15 EPO; JPO;		ļ			
EPO; JPO;	67	1	6268685.pn.		2003/07/08 12:15
				1	
				IBM_TDB	

		1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TI CD D M	2002/07/00 12:17
72	58	("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r	USPAT;	2003/07/08 12:17
		O.sub.2" "Y.sub.2 O.sub.3" (rhenium	EPO; JPO;	
		niobium tantalum zirconium) near3 carbide	IBM_TDB	
		"TaC"		
		) with (coat\$4 shield layer\$3) and		
		tungsten and filament and series		
77	7		USPAT;	2003/07/08 12:20
, ,	,	O.sub.2" "Y.sub.2 O.sub.3" (rhenium	EPO; JPO;	2000,01,00 22121
		niobium tantalum zirconium) near3 carbide	IBM_TDB	
	·	"TaC"		
		) with (coat\$4 shield layer\$3) and		1
		tungsten and filament same series		
82	3		USPAT;	2003/07/08 12:48
		O.sub.2" "Y.sub.2 O.sub.3" (rhenium	EPO; JPO;	
		niobium tantalum zirconium) near3 carbide	IBM TDB	
		"TaC"	_	
		) with (coat\$4 shield layer\$3) and		
		filament same series and incandesc\$6		
0.7	1		HODAM.	2002/07/00 12-52
87	46	sintering with (zirconium calcium) near3	USPAT;	2003/07/08 12:53
		salt	EPO; JPO;	
			IBM_TDB	
92	1	4532073.pn.	USPAT;	2003/07/08 13:02
			EPO; JPO;	
			IBM TDB	
97	1	6268685.pn.	USPAT;	2003/07/08 13:02
٠,		020000.pm	EPO; JPO;	-100,00,00
			IBM TDB	
100		6060605		2002/07/00 12-02
102	1	6268685.pn. and (rhenium tantalum	USPAT;	2003/07/08 13:02
		zirconium niobium)	EPO; JPO;	
			IBM_TDB	
_	0	ralf-riebel.in.	USPAT;	2003/07/06 17:40
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
				2003/07/06 17:54
_	4	ralf and riebel	USPAT;	2003/01/06 17:34
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	528	313/578	USPAT	2003/07/06 18:04
_	133	313/629	USPAT	2003/07/06 18:06
_	710	313/243	USPAT	2003/07/06 18:09
_	44		USPAT	2003/07/06 18:30
_	3	arnold-jorg.in.	USPAT	2003/07/00 13:30
_	133		USPAT	2003/07/07 17:28
		313/629	1 -	
-	60639		USPAT	2003/07/06 18:43
-	42	313/\$ and (rhenium niobium tantalum	USPAT	2003/07/08 10:30
		zirconium) adj carbide and lamp		
	32	313/\$ and (rhenium niobium tantalum	USPAT	2003/07/07 17:38
		zirconium) adj carbide and lamp and		
		(heating heater heat)		
_	11	313/\$ and (rhenium niobium tantalum	USPAT	2003/07/07 17:37
		zirconium) adj carbide and lamp and		
		incandescent		
_	2	313/\$ and (rhenium niobium tantalum	USPAT	2003/07/06 19:12
-			USFAI	2003/07/06 19:12
		zirconium) adj carbide and lamp and		
		incandescent same (heat heater heating)		
-	3	("1749136"   "3973155"   "4539505").PN.	USPAT	2003/07/06 19:06
-	0	6018216.URPN.	USPAT	2003/07/06 19:08
_	1	6018216.pn.	USPAT	2003/07/06 19:12
_	1	6018216.pn. and bulb	USPAT	2003/07/06 19:12
_	352	(313/15).CCLS.	USPAT;	2003/07/07 10:57
		(==, ==, ===,	US-PGPUB	= 555, 51, 5, 10.5,
_	76	(313/591).CCLS.	USPAT;	2003/07/07 11:00
<i>→</i>	/6	(313/331).0016.	· ·	2003/07/07 11:00
		(1010/15) (010/015)	US-PGPUB	0000/07/07
_	1541	((313/15) or (313/315) or (313/578)).CCLS.	USPAT;	2003/07/07 11:01
			US-PGPUB	
	3	("1749136"   "3973155"   "4539505").PN.	USPAT	2003/07/07 12:51

		(II) 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	10000 (07 (07 10 7
_	0	("candoluminescent.ab,ti.").PN.	USPAT;	2003/07/07 12:52
			US-PGPUB;	
			EPO; JPO;	
{			DERWENT;	
			IBM_TDB	
-	7	candoluminescent.ab,ti.	USPAT;	2003/07/07 14:50
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	2	6268285.pn.	USPAT;	2003/07/07 12:56
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	2	6268286.pn.	USPAT;	2003/07/07 12:56
		•	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	1
			IBM TDB	
_	1	6268685.pn.	USPAT;	2003/07/07 12:56
	1		US-PGPUB;	2003/01/01 12:36
			EPO; JPO;	1
				1
_	1	6018216.pn.	IBM_TDB	2002/07/07 12 22
	1	0010210.pm.	USPAT;	2003/07/07 13:33
			US-PGPUB;	
			EPO; JPO;	
		6010016	IBM_TDB	
-	1	6018216.pn. and brilliant\$3	USPAT;	2003/07/07 13:35
			US-PGPUB;	-
			EPO; JPO;	
			IBM_TDB	
_	1	6018216.pn. and radiate	USPAT;	2003/07/07 13:36
		·	US-PGPUB;	
			EPO; JPO;	
			IBM TDB	
_	1	6018216.pn. and (extreme\$3 radiate)	USPAT;	2003/07/07 13:38
			US-PGPUB;	
			EPO; JPO;	
			IBM TDB	
_	1	6018216.pn. and (cylind\$6)	USPAT;	2003/07/07 13:48
		(-1,-,-,	US-PGPUB;	2003/01/01/13:40
			EPO; JPO;	
			IBM TDB	
_	1	6018216.pn. and (tungsten rhenium tantalum	USPAT;	2003/07/07 13:54
	1	zirconium niobium)	US-PGPUB;	2003/07/07 13:54
1			EPO; JPO;	
			IBM TDB	
_	1	6018216.pn. and bulb same (reflect\$5)	USPAT;	2003/07/07 13:56
1		outonto.bu. and path pame (feffection)		2003/0//0/ 13:56
			US-PGPUB;	
1			EPO; JPO;	
_	1	6019216 pp and gag	IBM_TDB	0000 (07 (07 1 :
	1	6018216.pn. and gas	USPAT;	2003/07/07 14:00
			US-PGPUB;	
			EPO; JPO;	
		(010016	IBM_TDB	
-	1	6018216.pn. and series	USPAT;	2003/07/07 14:18
			US-PGPUB;	
	]		EPO; JPO;	
			IBM_TDB	
-	1	6268685.pn.	USPĀT;	2003/07/07 14:56
			US-PGPUB;	
			EPO; JPO;	
			IBM TDB	
-	1	6268685.pn. and candoluminescen\$5	USPAT;	2003/07/07 14:22
		·	US-PGPUB;	
			EPO; JPO;	ļ
			IBM TDB	

-	5	, (-ampgire aa)	USPAT;	2003/07/07 14:51
		source).ab,ti.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	1	candoluminescent.bi. and (lamp light adj	USPAT;	2003/07/07 14:51
		source).ab,ti. not candoluminescent.ab,ti.	US-PGPUB;	2003/01/01 14:51
		Total of the same same same source.	EPO; JPO;	•
			DERWENT;	
	1	6260605 nn and (nuli-107)	IBM_TDB	
	1	6268685.pn. and (cylind\$7)	USPAT;	2003/07/07 16:43
			US-PGPUB;	
			EPO; JPO;	
			IBM_TDB	
_	1	6268685.pn. and (heat)	USPAT;	2003/07/07 16:43
			US-PGPUB;	
			EPO; JPO;	
			IBM TDB	
-	1	6268685.pn. and (heat\$5) same mantle	USPAT;	2003/07/07 16:54
			US-PGPUB;	2000, 01, 01, 10.01
İ			EPO; JPO;	
			IBM TDB	
-	1	6268685.pn. and tungsten	USPAT;	2002/07/07 17 01
	1	drawingsten		2003/07/07 17:01
			US-PGPUB;	
			EPO; JPO;	
	1	6260605 (8158 8208)	IBM_TDB	
-	1	6268685.pn. and ("15" "32")	USPAT;	2003/07/07 17:05
			US-PGPUB;	
			EPO; JPO;	1
ļ			IBM TDB	
-	0	6268685.pn. and ("15" "32") same	USPAT;	2003/07/07 17:06
	İ	dielectric	US-PGPUB:	
			EPO; JPO;	
			IBM TDB	
-	1	6268685.pn. and gas	USPAT:	2003/07/07 17:08
		, <u></u>	US-PGPUB;	2003/07/07 17:08
			EPO; JPO;	
_	1	6268685.pn. and (inert rare halogen)	IBM_TDB USPAT;	2002/07/07 17 11
		ozoooos.pm. and (inerc fale halogen)	· ·	2003/07/07 17:11
			US-PGPUB;	
			EPO; JPO;	
1_	1	6260605 6111	IBM_TDB	
	1	6268685.pn. and fill	USPAT;	2003/07/07 17:12
	1		US-PGPUB;	
			EPO; JPO;	
			IBM_TDB	
-	1	6268685.pn. and (coat coating coated)	USPAT;	2003/07/07 17:12
			US-PGPUB;	
			EPO; JPO;	
			IBM TDB	
-	1	6018216.pn. and carbide	USPAT	2003/07/07 17:49
-	11	313/\$ and (rhenium niobium tantalum	USPAT	2003/07/07 17:49
		zirconium) adj carbide and lamp and	001111	2003/07/07 17:37
		incandescent		
-	32	313/\$ and (rhenium niobium tantalum	IICDAM	2002/07/07 12 25
		zirconium) adj carbide and lamp and	USPAT	2003/07/07 18:00
1		(heating heater heat)		
l _	24	(Heating Heater Heat)		
1	24	(313/\$ and (rhenium niobium tantalum	USPAT	2003/07/07 17:39
		zirconium) adj carbide and lamp and		
		(heating heater heat) ) not (313/\$ and		
		(rhenium niobium tantalum zirconium) adj		
	]	carbide and lamp and incandescent )		ļ
-	0	("dielectric adj multilayer adj3 (coat	USPAT;	2003/07/07 17:40
		coating) and bulb").PN.	US-PGPUB;	
		İ	EPO; JPO;	
			DERWENT;	
			IBM TDB	
	·		TOLI TOD	1

_	3	dielectric adj multilayer adj3 (coat	USPAT;	2003/07/07 17:45
		coating) and bulb	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	•
_	1240	(313/113).CCLS.	USPAT;	2003/07/07 17:42
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
	29	((313/113).CCLS.) and multilayer	USPAT;	2003/07/07 17:43
-	23	((313/113).ccbs.) and materiager	US-PGPUB;	2003/07/07 17:43
			EPO; JPO;	
			DERWENT;	
			1	
	1	((242/442), 6676.)	IBM_TDB	2002/07/07 17:45
-	25	((313/113).CCLS.) and multilayer same	USPAT;	2003/07/07 17:45
		(reflect\$5 mirror\$4)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	26	dielectric near3 multilayer adj3 (coat	USPAT;	2003/07/07 17:47
		coating) and bulb	US-PGPUB;	
		3.	EPO; JPO;	
1			DERWENT;	
1			IBM TDB	
_	10	dielectric near3 multilayer adj3 (coat	USPAT;	2003/07/07 17:48
		coating) and bulb and (lamp light near2	US-PGPUB;	2000, 01, 01 11.40
			EPO; JPO;	
		source).ab,ti.	DERWENT;	
	_		IBM_TDB	0000/07/07 17 40
_	1	dielectric near3 multilayer adj3 (coat	USPAT;	2003/07/07 17:48
		coating) same (enbelope bulb) and (lamp	US-PGPUB;	
		light near2 source).ab,ti.	EPO; JPO;	
			DERWENT;	
			IBM_TDB	T. B. C. C. C. C. C. C. C. C. C. C. C. C. C.
-	1	6018216.pn. and gas	USPAT	2003/07/07 17:49
_	97	313/\$ and (rhenium niobium tantalum	USPAT	2003/07/07 18:01
		zirconium) and lamp and (heating heater		
		heat) and (radiate radiation radiating)		
		and tungsten with filament		1
_	27	313/\$ and (rhenium niobium tantalum	USPAT	2003/07/07 18:21
		zirconium) same (radiator radiate	001111	
		radiation radiating) and lamp and (heating		
		heater heat) and tungsten with filament		
	1	lamp.ab, ti. and filament with (coating	USPAT	2003/07/07 18:53
_	1		USPAI	2003/07/07 18:33
		coat).bi. with (tantalum rhenium niobium		
		zirconium) near3 carbide	HADAE	0000/07/07 10 50
_	1	lamp.ab,ti. and co adj generating adj	USPAT	2003/07/07 18:59
		sources		
-	13	("2859369"   "4016446"   "4017758"	USPAT	2003/07/07 18:53
		"4160929"   "4229066"   "4346324"		
		"4366407"   "4532073"   "4535269"		
1		"4539505"   "4588923"   "4652789"		
		"4663557").PN.		
-	19	lamp.ab, ti. and ((indancescent adj	USPAT	2003/07/07 19:05
		radiator) (refractory adj oxide)) and		
		(filament filamentary)		
-	1	lamp.ab,ti. and ((indancescent adj	USPAT;	2003/07/07 19:06
		radiator) (refractory adj oxide)) with	EPO; JPO;	
	1	radiator and (filament filamentary)	IBM TDB	
_	1	4016446.pn.	USPAT;	2003/07/07 19:08
	1	1010110.pii.	EPO; JPO;	2003/01/01 19.08
	1			
L.	1	4016446 HDDN	IBM_TDB	2002/07/07 10:00
-	9	4016446.URPN.	USPAT	2003/07/07 19:06
-	1	4366407.pn.	USPAT	2003/07/07 19:12
-	1	4942331.pn.	USPAT	2003/07/07 19:13
-	1897	multilayer same dielectric same (reflect\$5	USPAT	2003/07/07 19:14
		mirror\$4)		
-	215	(lamp light adj source).ti,ab. and	USPAT	2003/07/07 19:14
		multilayer with dielectric same (reflect\$5		
	L	mirror\$4)		

_	7	(lamp light adj source).ti,ab. and multilayer with dielectric same (reflect\$5	USPAT; EPO; JPO;	2003/07/07	19:15
		multilayer with dielectric same (reflects)   mirror\$4) same selective	IBM TDB		
_	7	(lamp light adj source).ti,ab. and	USPAT;	2003/07/07	19:16
		multilayer with dielectric with selective	EPO; JPO;		
		-	IBM_TDB		
_	3		USPAT;	2003/07/07	19:16
		multilayer with dielectric same selective	EPO; JPO;		
		not ((lamp light adj source).ti,ab. and	IBM_TDB		
		multilayer with dielectric with selective)	17.0 D 3 M	0000/07/07	10.10
_	1	(lamp light adj source).ti,ab. and	USPAT; EPO; JPO;	2003/07/07	19:10
		multilayer with oxide same selective not ((lamp light adj source).ti,ab. and	IBM TDB		
		multilayer with dielectric with selective)	154_155		
	21	(lamp light adj source).ti,ab. and	USPAT;	2003/07/07	19:18
	-	multilayer same selective not ((lamp light	EPO; JPO;		
		adj source).ti,ab. and multilayer with	IBM TDB		
		dielectric with selective)	_		
_	1	(lamp light adj source).ti,ab. and titania	USPAT;	2003/07/07	19:18
		near5 silica near5 dichroic near5	EPO; JPO;		
		reflector	IBM_TDB	0000/07/5	40 - 0
-	154	(lamp light adj source).ti,ab. and titania	USPAT;	2003/07/07	19:19
		near5 silica	EPO; JPO;		
	1	/lamp light add course) ti sh and titaria	IBM_TDB USPAT;	2003/07/07	10.10
-	1	(lamp light adj source).ti,ab. and titania near5 silica same selective	EPO; JPO;	2003/01/01	19.13
		Hears silica same selective	IBM TDB		
_	18	(lamp light adj source).ti,ab. and titania	USPAT;	2003/07/07	19:20
		near5 silica near5 (mirror\$5 reflect\$5)	EPO; JPO;	2000,01,01	
			IBM TDB		
_	8	(lamp light adj source).ti,ab. and titania	USPAT;	2003/07/07	19:57
	1	near5 silica near5 (mirror\$5 reflect\$5)	EPO; JPO;		
		and filament	IBM_TDB		
-	1	4196368.pn.	USPAT;	2003/07/07	20:00
		·	EPO; JPO;		
	1	4106260 and and	IBM_TDB USPAT;	2003/07/07	20.02
-	1	4196368.pn. and gas	EPO; JPO;	2003/07/07	20:03
			IBM TDB		
_	0	4196368.URPN.	USPAT	2003/07/07	20:03
_	5	tantalum adj carbide and tungsten same	USPAT;	2003/07/07	
		filament and halogen same (bromide iodide)	EPO; JPO;		
		-	IBM_TDB		
-	6	(rhenium niobium tantalum zirconium) near3	USPĀT;	2003/07/07	20:13
		carbide and tungsten same filament and	EPO; JPO;		
	_	halogen same (bromide iodide)	IBM_TDB	2002/07/07	20 12
-	3	("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3"	USPAT;	2003/07/07	20:12
		0.sub.2" "Y.sub.2 0.sub.3"  ) and tungsten same filament and halogen	EPO; JPO; IBM TDB		
		same (bromide iodide)	TBM_IDB		
_	8	("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r	USPAT;	2003/07/07	20:12
		0.sub.2" "Y.sub.2 0.sub.3"	EPO; JPO;	= 000, 0,,0,	
		) and tungsten same filament and (halide	IBM TDB		
		halogen halogenated) same (bromide iodide)	_		
-	54		USPAT;	2003/07/07	20:12
		O.sub.2" "Y.sub.2 O.sub.3" carbide	EPO; JPO;		
		) and tungsten same filament and (halide	IBM_TDB		
	10	halogen halogenated) same (bromide iodide)	HCDAM-	2002/07/07	20 - 14
-	10	("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r O.sub.2" "Y.sub.2 O.sub.3" carbide	USPAT; EPO; JPO;	2003/07/07	∠∪:14
		) same tungsten same filament and (halide	IBM TDB		
		halogen halogenated) same (bromide iodide)	12.1_100		
-	1		USPAT;	2003/07/07	20:14
		O.sub.2" "Y.sub.2 O.sub.3" (rhenium	EPO; JPO;		
		niobium tantalum zirconium) near3 carbide	IBM_TDB		
		) same tungsten same filament and (halide	_		
		halogen halogenated) same (bromide iodide)	·		

-	1	("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r	USPAT;	2003/07/07 20:15
		O.sub.2" "Y.sub.2 O.sub.3" (rhenium	EPO; JPO;	
		niobium tantalum zirconium) near3 carbide	IBM_TDB	
		"TaC"		
		) same tungsten same filament and (halide		
	_	halogen halogenated) same (bromide iodide)		
-	3	("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r	USPAT;	2003/07/07 20:16
		O.sub.2" "Y.sub.2 O.sub.3" (rhenium	EPO; JPO;	
		niobium tantalum zirconium) near3 carbide	IBM_TDB	
		) same tungsten same filament and (bromide		
		iodide)		
_	27		USPAT;	2003/07/08 10:36
		O.sub.2" "Y.sub.2 O.sub.3" (rhenium	EPO; JPO;	2003,0,,00 10.30
		niobium tantalum zirconium) near3 carbide	IBM TDB	
		"TaC"	_	
		) and tungsten same filament and (bromide		
		iodide)		
_	8	("ThO.sub.2" "NiO" "CeO.sub.2" "Z.sub.r	USPAT;	2003/07/07 20:17
		O.sub.2" "Y.sub.2 O.sub.3" (rhenium	EPO; JPO;	
		niobium tantalum zirconium) near3 carbide	IBM_TDB	
		"TaC"		
		) and tungsten same filament and (bromide		
		iodide) same gas		